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(54) Title: CADASIL TREATMENT WITH CHOLINESTERASE INHIBITORS

(57) Abstract: The invention provides methods for treating and/or preventing cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL) in a patient in need thereof by administering a therapeutically effective amount of at least one cholinesterase inhibitor. The invention also provides methods for treating and/or preventing neurovascular diseases caused by one or more mutations of the human Notch3 gene by administering a therapeutically effective amount of at least one cholinesterase inhibitor. In one embodiment, the cholinesterase inhibitor is donepezil, a stereoisomer thereof and/or a pharmaceutically acceptable salt thereof. The methods of the invention may further include administering a therapeutically effective amount of an HMG-CoA reductase inhibitor.